

**DART**

DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED CP	APPROVED #	DRAWING NO. DSI 9233	REV. A SHEET 1 OF 1
DATE 02.05.15		TITLE D412-697 DEVIATIONS	SCALE NTS
A	02.05.15	NEW ISSUE	

## DART SERVICE INSTRUCTION

TO AMEND INSTALLATION DRAWING IIN-D412-697 REV. A  
REF. CANADIAN STC: SH02-13

- 1) IT IS ACCEPTABLE TO INSTALL THE D3093-1/-3/-5/-7 AND D3097-1/-3/-5 WALL COVERS WITH 1" VELCRO (P/N 194380/193038 OR EQUIVALENT) OR WITH DELRON 495HF1032-08 INSERTS POTTED WITH HYSOL EA934NA ADHESIVE INSTEAD OF USING THE ALS7-1032-130 INSERTS CALLED UP ON THE DRAWING. WALL COVERS MAY BE TRIMMED AS REQUIRED FOR IMPROVED FIT.
- 2) IT IS ACCEPTABLE TO INSTALL THE 473597-2 SMOKE DETECTORS WITH DELRON 495HF1032-08 INSERTS POTTED WITH HYSOL EA934NA ADHESIVE INSTEAD OF USING THE ALS7-1032-130 INSERTS CALLED UP ON THE DRAWING.
- 3) TO FACILITATE INSTALLATION, IT IS ACCEPTABLE TO REPLACE THE D3069-1/-3/-5 ANGLES WITH CUSTOMER SUPPLIED ANGLES THAT HAVE A WIDER SUPPORTING LEG (ie. 1.00" TO 1.25" WIDE INSTEAD OF 0.75" WIDE). THESE ANGLES SHOULD BE FABRICATED FROM 2024-T3 (QQ-A-250/4) ALUMINUM WITH A MINIMUM THICKNESS OF 0.040" AND SHOULD BE OF THE SAME (OR LONGER) LENGTH WITH THE SAME (OR NARROWER) RIVET SPACING AS THE D3069-1/-3/-5 ANGLES WHICH THEY ARE REPLACING. IT IS ALSO ACCEPTABLE TO INVERT THESE ANGLES ON INSTALLATION TO AVOID COLLISION WITH EXISTING INSERTS AND RIVET HEADS IN THE AIRCRAFT.
- 4) TO FACILITATE INSTALLATION, IT IS ACCEPTABLE TO REPLACE THE D3095-1 ANGLES WITH CUSTOMER SUPPLIED ANGLES THAT HAVE A WIDER SUPPORTING LEG (ie. 1.25" TO 1.50" WIDE INSTEAD OF 1.00" WIDE). THESE ANGLES SHOULD BE FABRICATED FROM 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) ALUMINUM WITH A MINIMUM THICKNESS OF 0.050" AND SHOULD BE OF THE SAME (OR LONGER) LENGTH WITH THE SAME (OR NARROWER) RIVET SPACING AS THE D3095-1 ANGLES WHICH THEY ARE REPLACING.
- 5) IT IS ACCEPTABLE TO FABRICATE WIDER KICK PLATE DOORS AND INSTALL THE 212-12 (OR EQUIVALENT) RECEPTACLE IN THE NEW KICK PLATE DOORS INSTEAD OF INSTALLING THE D3102-041 TAB AND TRIMMING THE KICK PLATE DOOR AS CALLED UP ON THE DRAWING.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED BY:  D. SHEPHERD (DE # 02)	
DATE:	MAY 15, 2002
CERT. NO.:	SH02-13
ISSUE NO.:	#1

Copyright © 2002 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.